



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/pera/

ECO Windows Systems, LLC
9114 N. W. 106th Street,
Medley, FL 33178

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series 600 Aluminum Outswing Doors-L.M.I.

APPROVAL DOCUMENT: Drawing No. **W12-08**, titled "Series 600 Alum Outswing Entrance Door (L.M.I.)", sheets 1 through 9 of 9, prepared by AL-Farooq Corporation, dated 02/13/12 and last revised on Jun 28, 2012, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

Limitation:

1. See Single or Double Door Design Pressure (DP) ratings in sheet 2 and Single or Double Door DP ratings with sidelites (w/wo Reinforcement) in sheet 3. The max door leaf width shall not to exceed 37".
2. Laminated glass types G1 and G2 are limited to .090" DuPont's PVB and glass type G3 is limited to Insulated laminated glass w/ .090" Solutia interlayer.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA and consists of this page 1 and evidence pages E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**



NOA No 12-0402.03
Expiration Date: July 19, 2017
Approval Date: July 19, 2012
Page 1

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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections
2. Drawing No. **W12-08**, titled "Series 600 Alum Outswing Entrance Door (L.M.I.)", sheets 1 through 9 of 9, prepared by AL-Farooq Corporation, dated 02/13/12 and last revised on Jun 28, 2012, signed and sealed by Javad Ahmad, P.E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

along with marked-up drawings and installation diagram of an aluminum Outswing French door, prepared by Hurricane Engineering & Testing, Inc., Test Report No.

HETI-12-3357, HETI-12-3358, HETI-12-4003, HETI-12-4003 and HETI-12-4027 dated 03/16-26/12, all signed and sealed by Rafael E. Droz-Seda, P. E.

Note: The above referenced test reports have been revised by an addendum letter dated June 29, 2012, issued by Hurricane Engineering & Testing, Inc., signed and sealed by Rafael E. Droz-Seda, P. E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2010, prepared by Al Farooq Corporation, dated 03/30/12 and last revised on June 28, 2012, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies w/ ASTM E-1300-02 & -04.

D. QUALITY ASSURANCE

1. Miami Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

E. MATERIAL CERTIFICATIONS

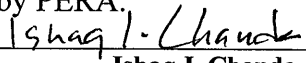
1. Notice of Acceptance No. **11-0624.01** issued to E.I. DuPont DeNemours & Co., Inc. for their "**Butacite ® PVB interlayer**", expiring on 12/11/16.
2. Notice of Acceptance No. **11-0325.05** for "Saflex clear & color interlayer" issued to Solutia Inc., expiring on 05/21/16.
3. XL Edge seal System 201 SS spacer by Cardinal IG.

F. STATEMENTS

1. Statement letter of conformance and letter of no financial interest, prepared by Al Farooq Corporation, dated 03/30/12, signed and sealed by Javad Ahmad, P.E.
2. Addendum letter dated June 29, 2012, issued by Hurricane Engineering & Testing, Inc., signed and sealed by Rafael E. Droz-Seda, P. E.
3. Lab compliance as part of the above referenced test report.

G. OTHER

1. Test proposal, dated 10/14/11 and 02-21-12 approved by PERA.


Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 12-0402.03
Expiration Date: July 19, 2017
Approval Date: July 19, 2012

SERIES 600
ALUMINUM OUTSWING ENTRANCE DOOR

SINGLE (X) AND DOUBLE (XX) LEAF DOORS SEE SHEET 2.
SINGLE AND DOUBLE LEAF DOORS WITH SIDELITES SEE SHEET 3.
LOWER VALUES FROM SIDELITE CAPACITY CHART OR DOOR CAPACITY WILL
APPLY TO ENTIRE SYSTEM.

DOORS APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION
RESISTANCE IS REQUIRED.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE
REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY
HURRICANE ZONE (HVHZ).

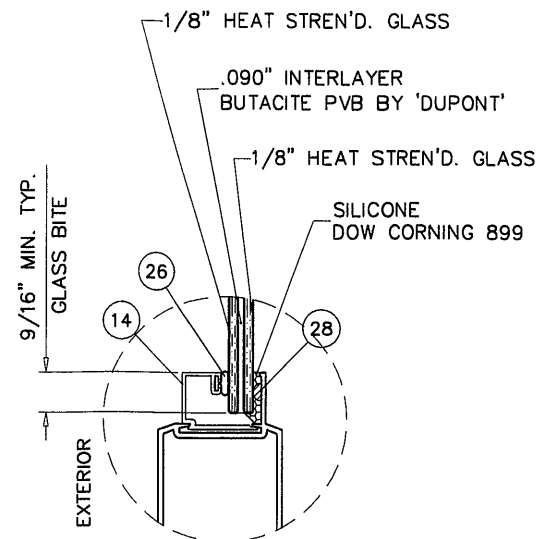
1BY OR 2BY WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY
TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHORS
EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

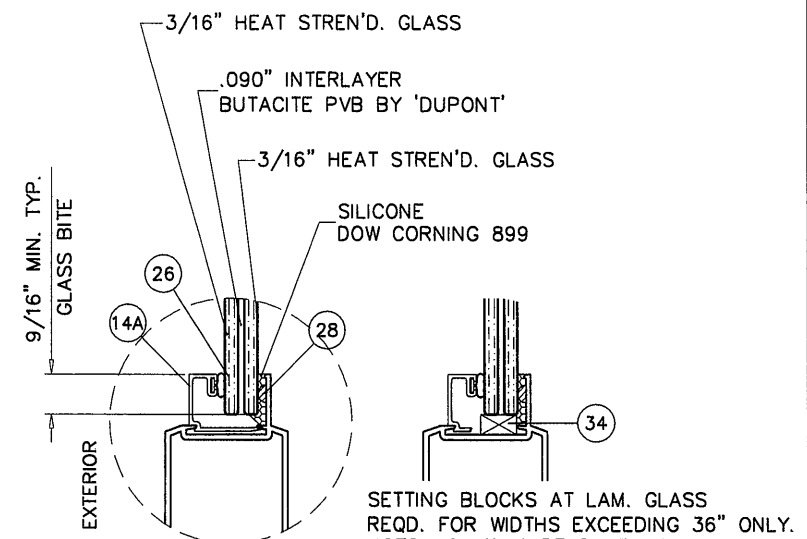
ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE
NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

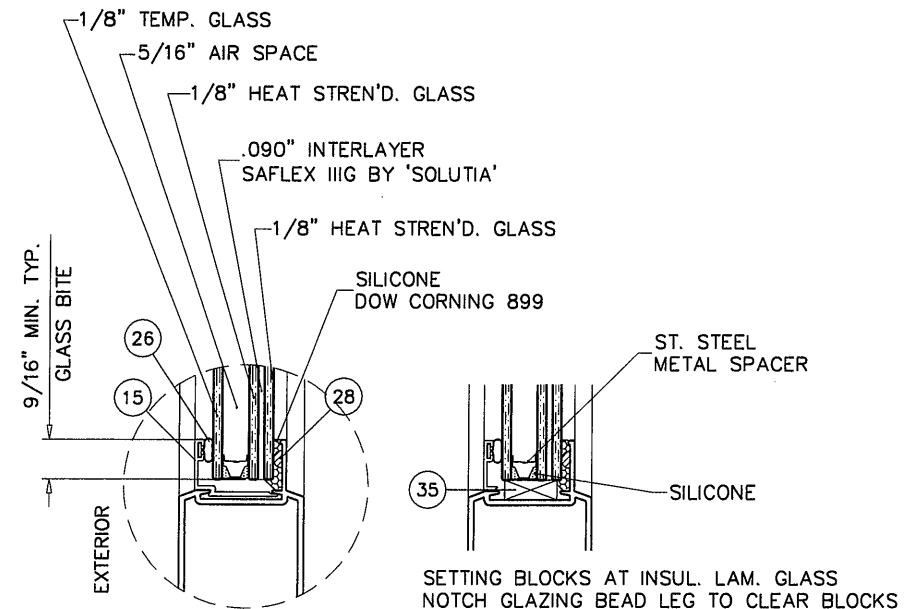
MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT
COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE
REQUIREMENTS OF THE FLORIDA BLDG. CODE SECTION 2003.8.4.



GLASS TYPE 'G1'



GLASS TYPE 'G2'



GLASS TYPE 'G3'

Approved as complying with the
Florida Building Code
Date July 19, 2012
NGAF 12-0402.03
Miami Code Product Control
By Shag J. L. Hanks

THESE DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT.
SHUTTERS ARE NOT REQUIRED.

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

JA
JUN 28 2012

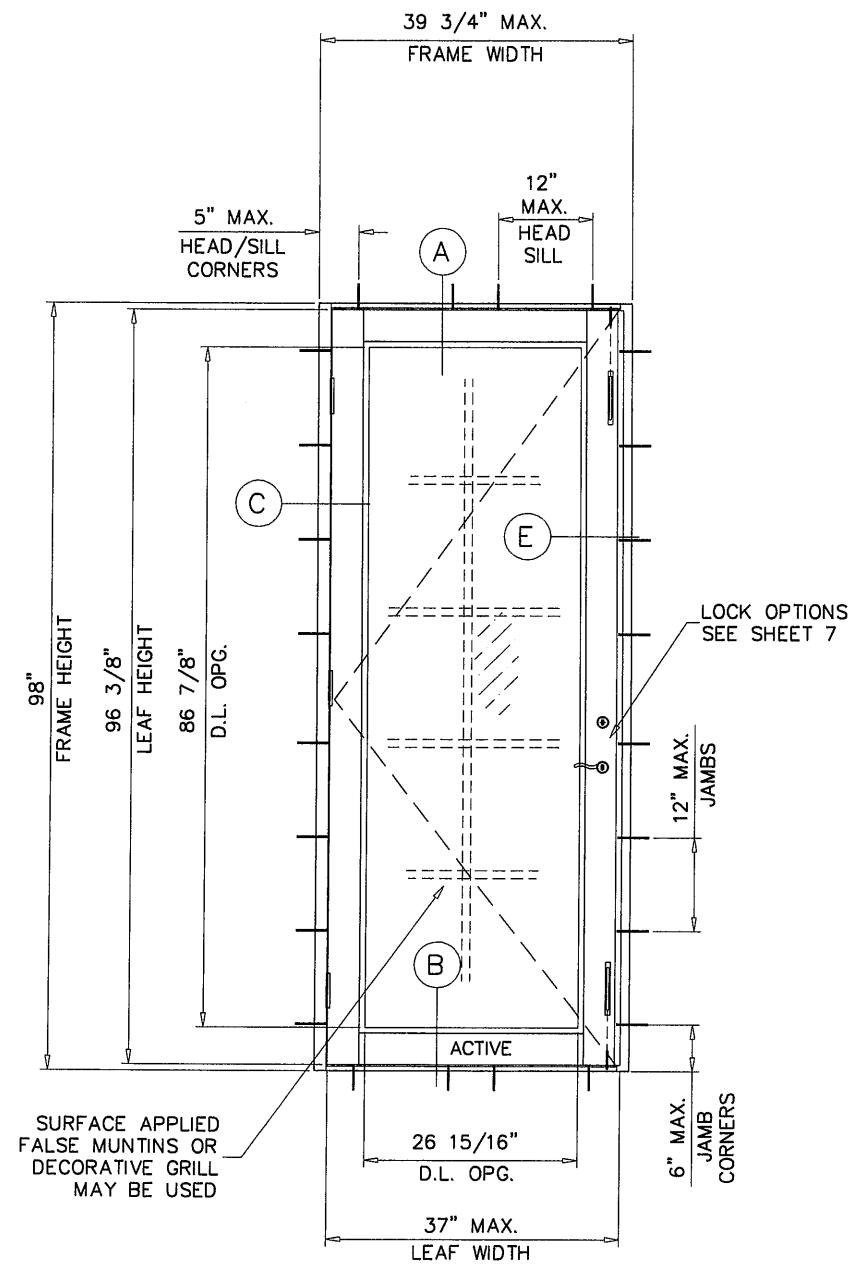
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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W12-08ECO

SERIES 600 ALUM OUTSWING ENTRANCE DOOR (L.M.I.)
ECO WINDOW SYSTEMS, LLC.
9114 N.W. 106 STREET
MEDLEY, FL. 33178
TEL. (305) 885-5299 FAX (305) 885-5902

revisions:		no	date	by	description
		A	06.26.12		REV. PER PERA COMMENTS

date: 02-13-12
scale: 3/8" = 1"
dr. by: HAMID
chk. by:

drawing no.
W12-08
sheet 1 of 9

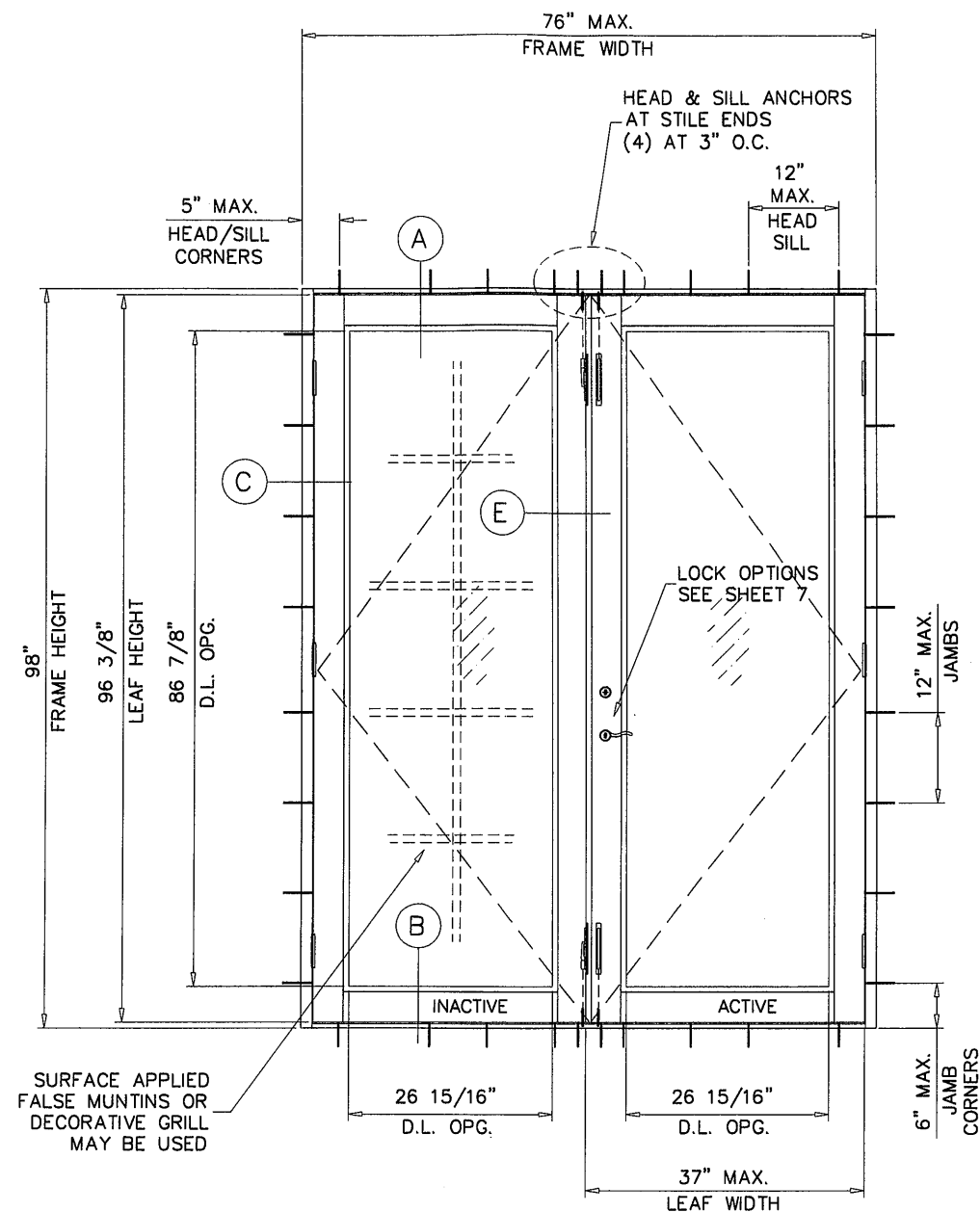


(X)

DOORS LOAD CAPACITY - PSF SINGLE DOORS (X)				
DOOR DIMS.			LAMINATED GLASS	
FRAME WIDTH	LEAF WIDTH	FRAME HEIGHT	EXT.(+)	INT.(-)
39-3/4"	37"	98"	70.0	75.0

GLASS D.L.O. DIMS.

D.L.O. HEIGHT = FRAME HEIGHT - 11.125"
D.L.O. WIDTH (X DOORS) = FRAME WIDTH - 12.813"
D.L.O. WIDTH (XX DOORS) = (FRAME WIDTH - 22.125")/2



(XX)

DOORS LOAD CAPACITY - PSF DOUBLE (XX)				
DOOR DIMS.			LAMINATED GLASS	
FRAME WIDTH	LEAF WIDTH	FRAME HEIGHT	EXT.(+)	INT.(-)
76"	37"	98"	70.0	75.0

NOTE:
EGRESS REQUIREMENTS TO BE REVIEWED
BY BUILDING OFFICIAL.

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-04 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219

Engr: JAVAD AHMAD
CIVIL
FLA. PE. # 70892
C.A.N. 3538

[Signature]

JUN 28 2012

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Florida Building Code
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NOA# 12-0402-03
Miami Code Product Control
By: [Signature]

AL-FAROOQ CORPORATION
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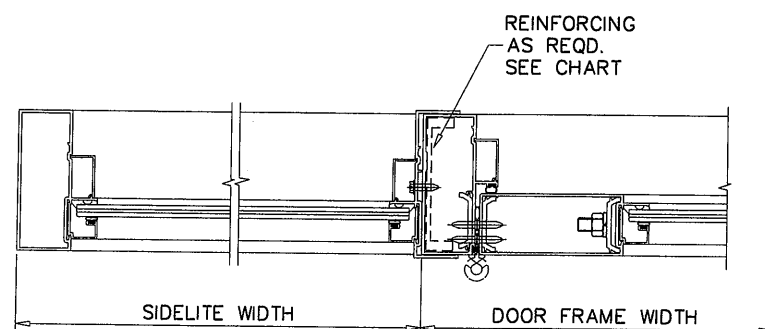
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A	06.26.12				

date: 02-13-12
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

drawing no.
W12-08
sheet 2 of 9

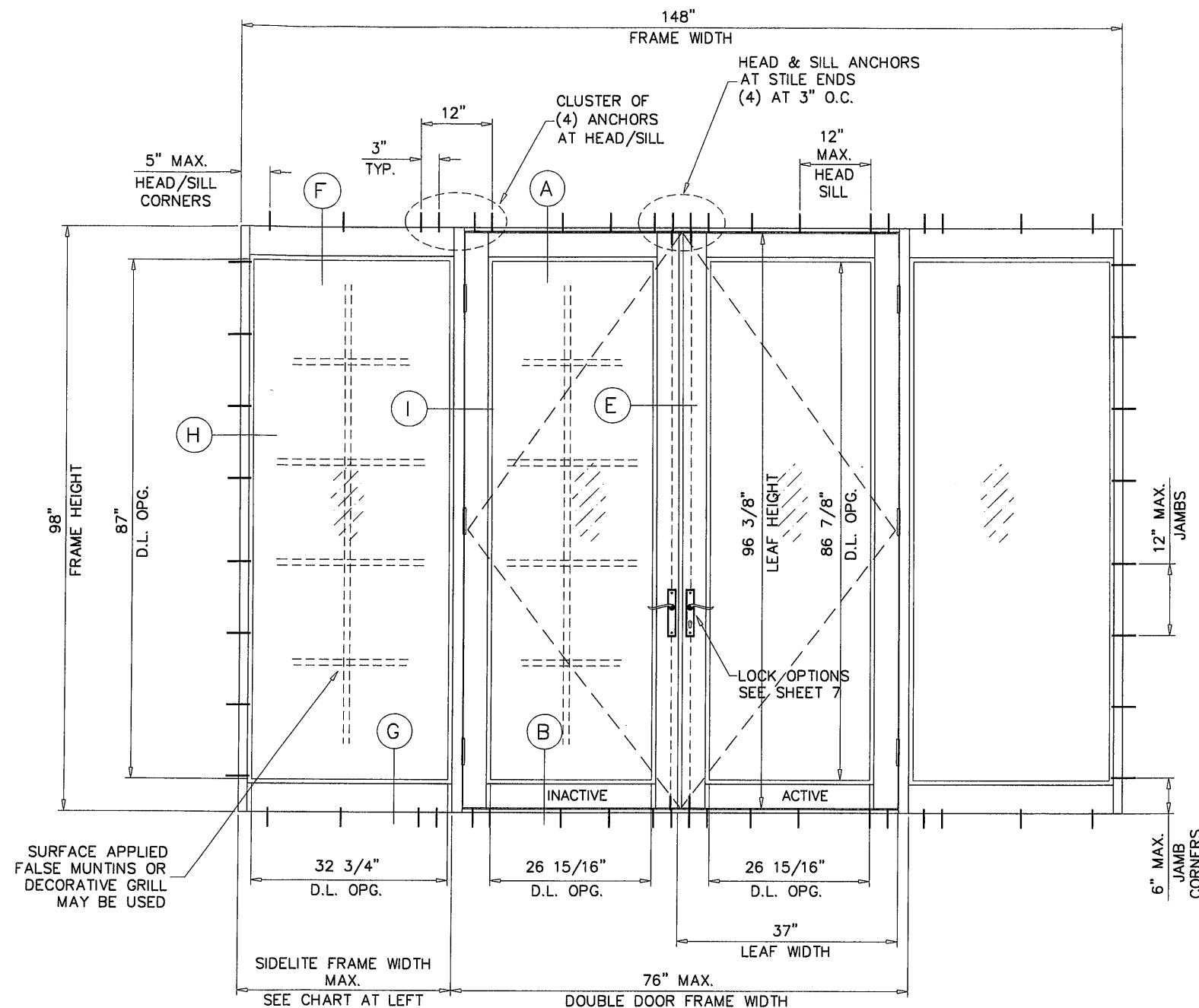
DESIGN LOAD CAPACITY - PSF SIDELITES WITH SINGLE OR DOUBLE LEAF DOORS (SEE NOTE BELOW)					
SIDELITE FRAME WIDTH INCHES	SIDELITE FRAME HEIGHT INCHES	WITHOUT REINFORCING		WITH REINFORCING	
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
24	82	70.0	75.0	70.0	75.0
30		70.0	75.0	70.0	75.0
36		70.0	75.0	70.0	75.0
37		70.0	75.0	70.0	75.0
42		61.7	66.1	61.7	66.1
24	86	70.0	75.0	70.0	75.0
30		70.0	75.0	70.0	75.0
36		70.0	75.0	70.0	75.0
37		70.0	75.0	70.0	75.0
42		61.7	66.1	61.7	66.1
24	92	70.0	75.0	70.0	75.0
30		69.8	69.8	70.0	75.0
36		64.1	64.1	70.0	75.0
37		63.3	63.3	70.0	75.0
42		63.3	63.3	70.0	75.0
24	98	57.8	57.8	70.0	75.0
30		53.1	53.1	70.0	75.0
36		52.4	52.4	70.0	75.0
37		52.4	52.4	70.0	75.0



NOTE:
FOR DOORS CAPACITIES SEE SHEET 2.
FOR SIDELITE CAPACITIES SEE CHART ABOVE.
LOWER VALUES FROM DOOR OR SIDELITE CHART
WILL APPLY TO ENTIRE SYSTEM.

GLASS D.L.O. DIMS.

D.L.O. HEIGHT (SIDELITE) = FRAME HEIGHT - 11.000"
D.L.O. WIDTH (SIDELITE) = FRAME WIDTH - 4.438"



(OXXO)

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Miami Dade Product Control

By: /Shag J. L. L...

NOTE:
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AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

[Signature]

JUN 28 2012

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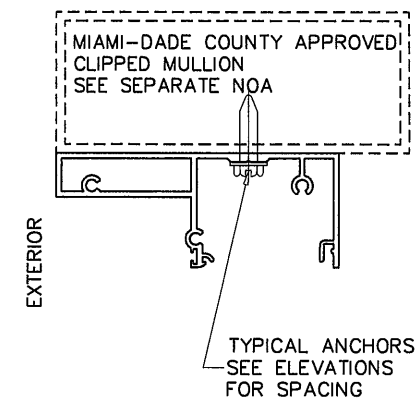
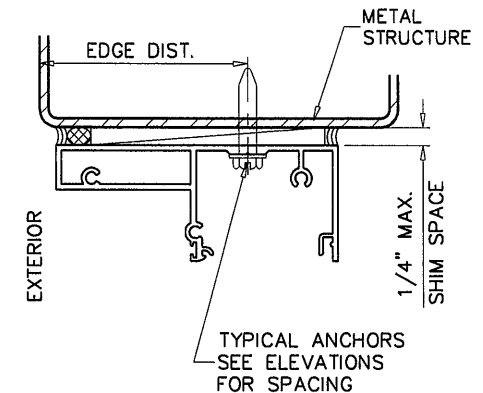
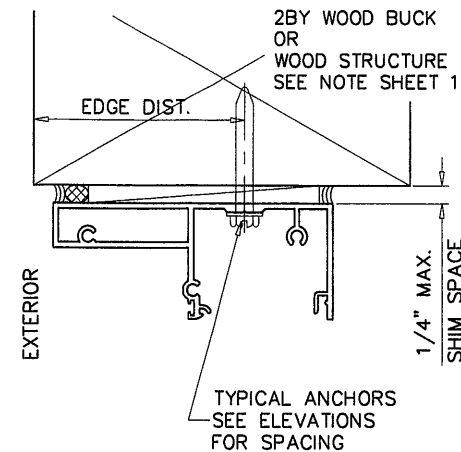
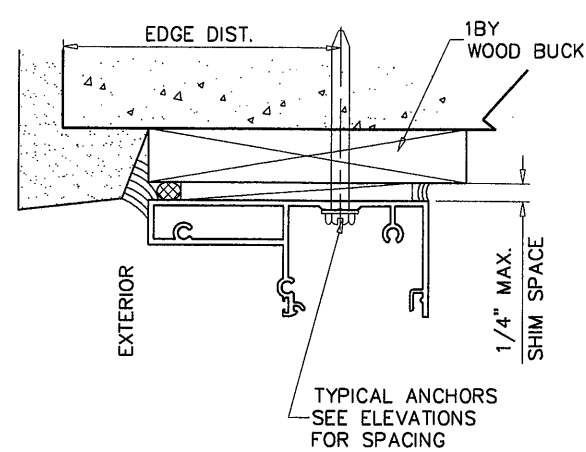
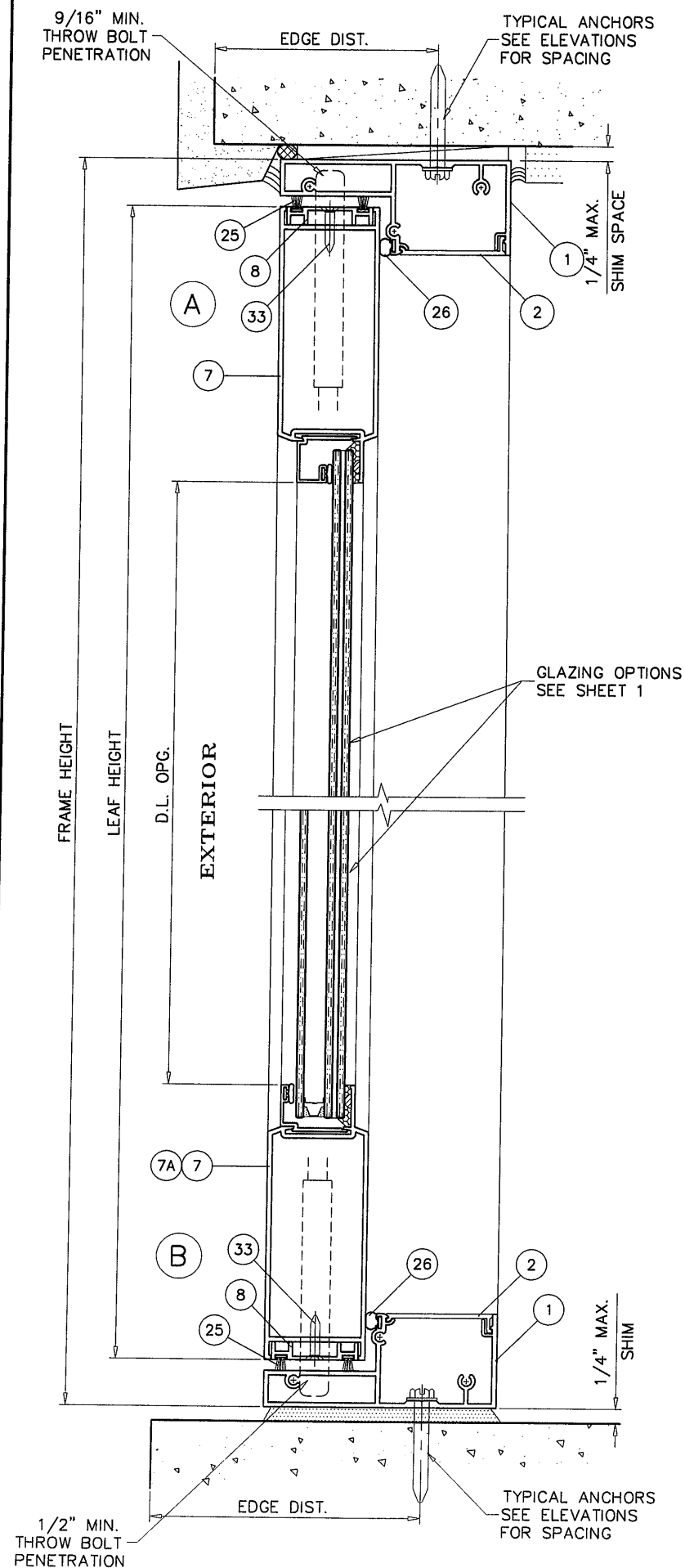
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TEL. (305) 885-5299 FAX (305) 885-5902

Revisions:		by	description
no	date		
A	06.26.12		REV. PER PERA COMMENTS

date: 02-13-12
scale: 1/2" = 1'-0"
dr. by: HAMID
chk. by:

drawing no.
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WOOD BUCKS AND METAL STRUCTURE NOT BY ECO WINDOWS
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM
AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" DIA. ULTRACON BY 'ELCO' ($F_u=177$ KSI, $F_y=155$ KSI)
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONC. OR MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY

DIRECTLY INTO CONC. OR MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY

#14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = 1/8")
INTO METAL STRUCTURES
STEEL : 1/8" THK. MIN. ($F_y = 36$ KSI MIN.)
ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPICAL EDGE DISTANCE

INTO CONCRETE AND MASONRY = 2-1/2" MIN.
INTO WOOD STRUCTURE = 1" MIN.
INTO METAL STRUCTURE = 3/4" MIN.

CONCRETE AT HEAD, SILL OR JAMBS $f'_c = 3000$ PSI MIN.
C-90 HOLLOW/FILLED BLOCK AT JAMBS $f'_m = 2000$ PSI MIN.

Approved as complying with the
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Date: July 19, 2012
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Miami Dade Product Control
By: Isaac I. Llanos

DOOR DETAILS

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N: 3538

[Signature]
JUN 28 2012

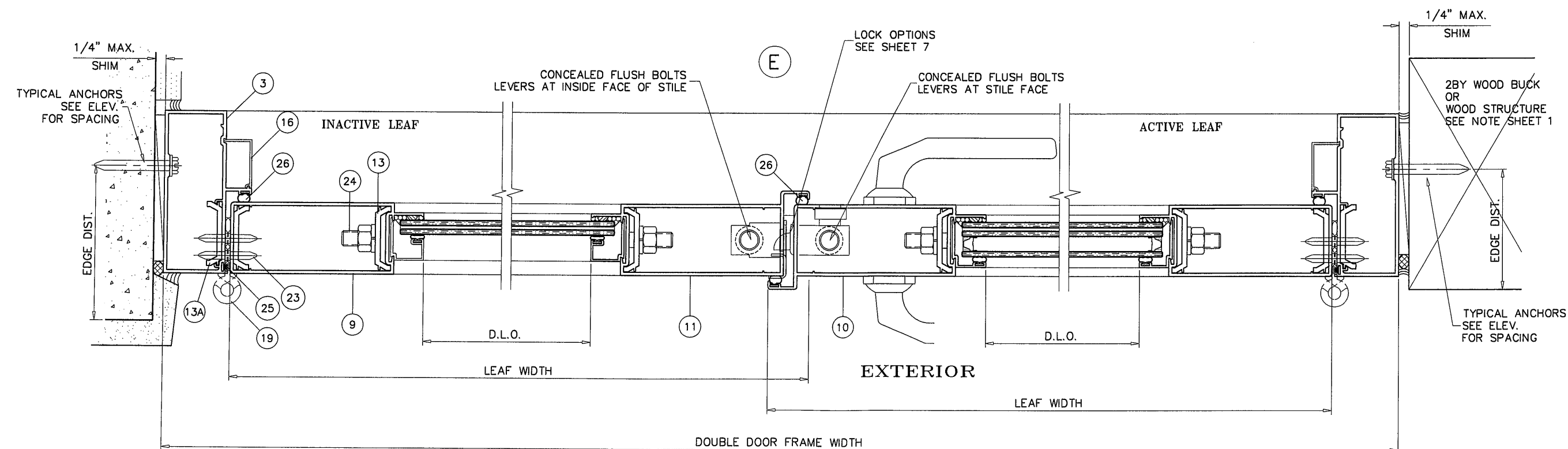
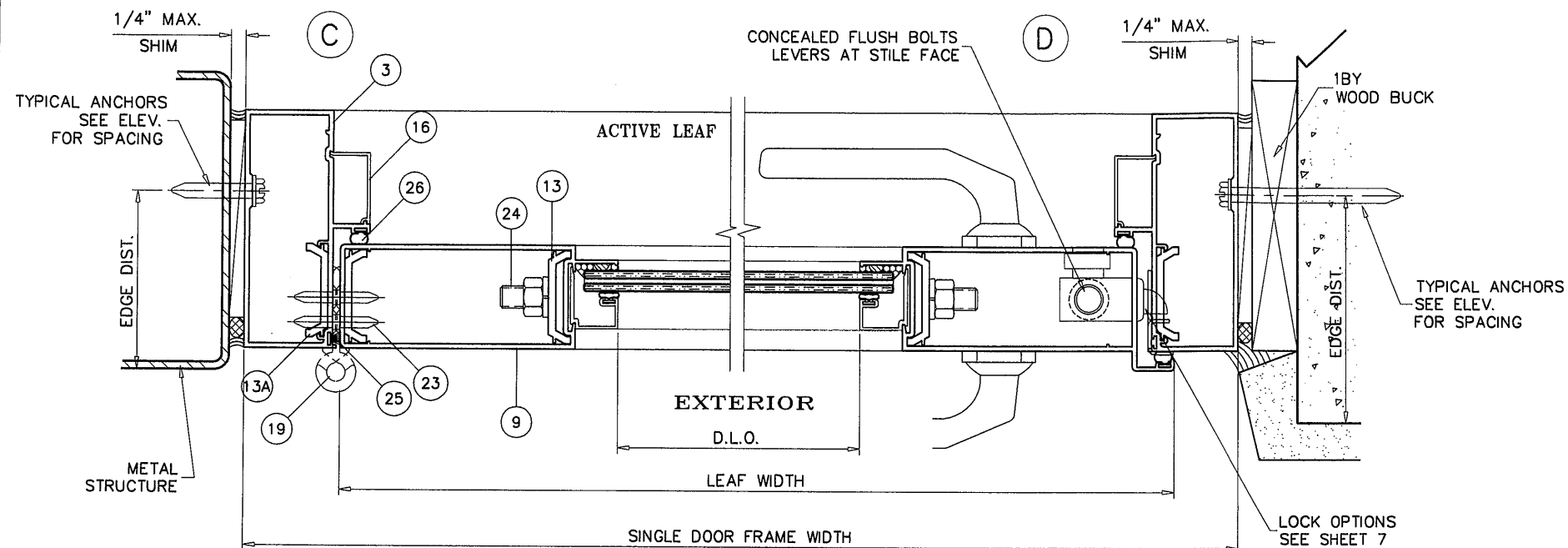
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Revisions:		by	description
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dr. by: HAMID
chk. by:

drawing no.
W12-08
sheet 4 of 9

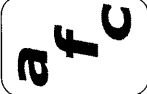


Approved in compliance with the
Florida Building Code
Date: July 19, 2012
NGAF: 12-0402-03
Witness Seal Product Control
By: Ishag I. Chande

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

JUN 28 2012

DOOR DETAILS



AL-FAROOQ CORPORATION
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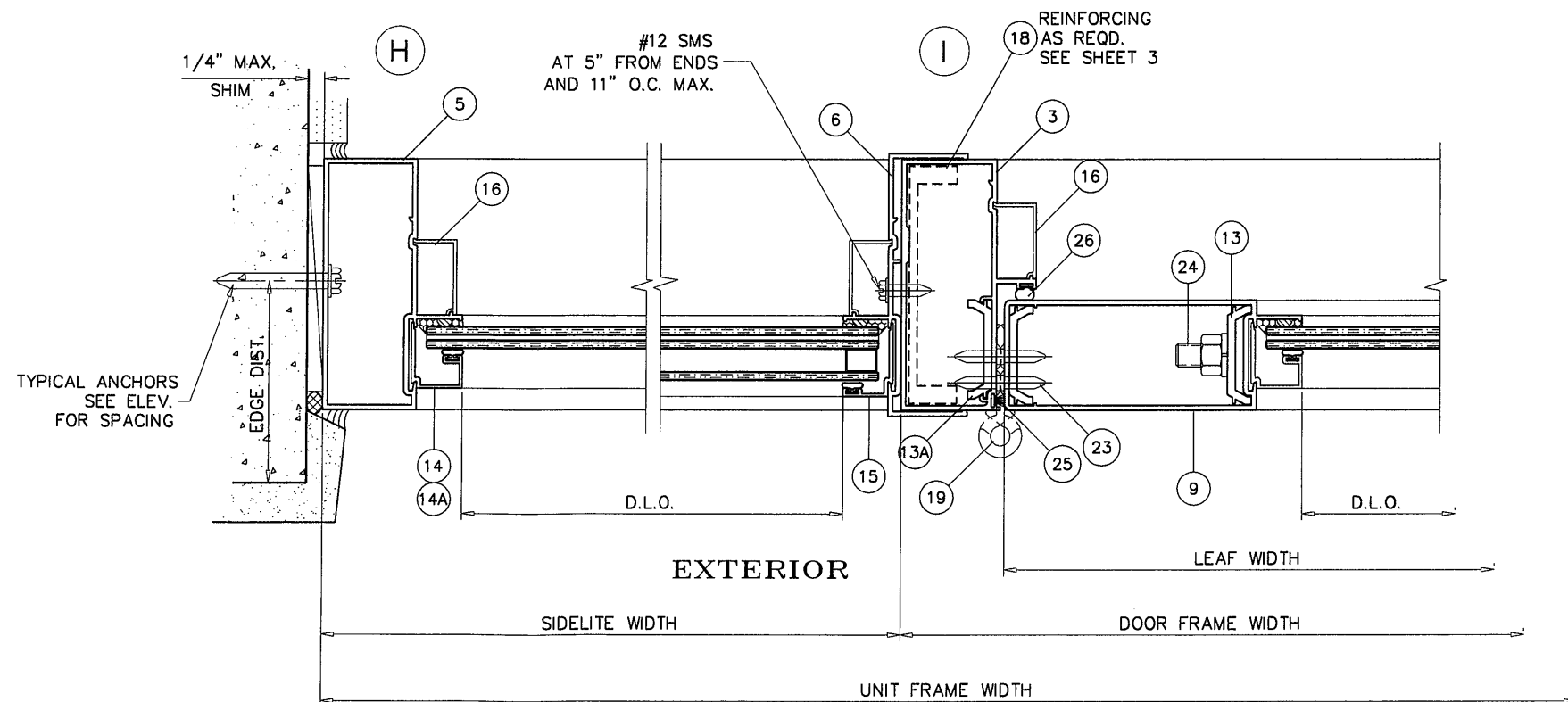
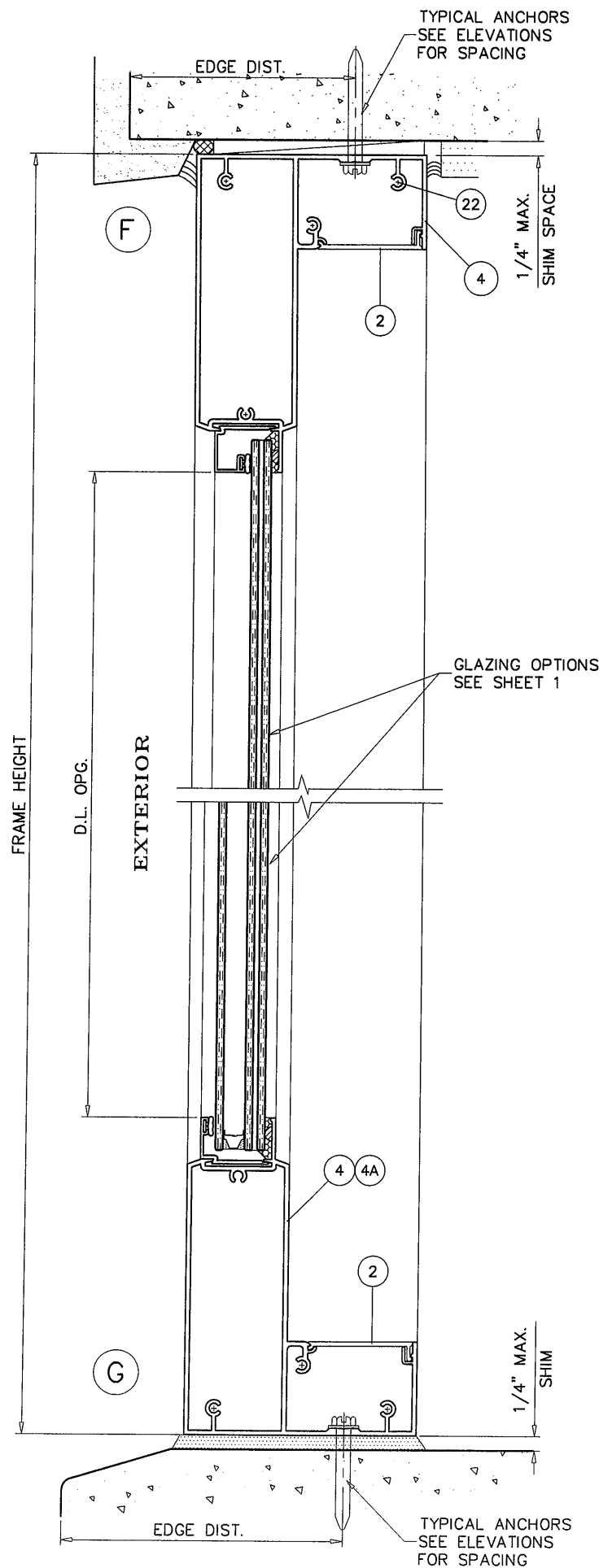
revisions:

drawing no.

W12-08

sheet 5 of 9

no.



Approved as complying with the
 Florida Building Code
 Date July 19, 2012
 NOA# 12-0402.03
 Miami Dade Product Control
 By Isahag I. Chaudhry

SIDELITE DETAILS

Engr: JAVAD AHMAD
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 FLA. PE # 70592
 C.A.N. 3538
[Signature]
 JUN 28 2012

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 dr. by: HAMID
 chk. by:

drawing no.
W12-08
 sheet 6 of 9

LOCKS:

OPTION #1:

ACTIVE LEAF:

4 POINT LOCK ASSEMBLY DL01-6007 BY 'INTERLOCK USA INC.'
(2) LOCKING POINTS ENGAGING AT INACTIVE LEAF
1/2" DIA. THROW BOLTS AT TOP AND BOTTOM ENGAGING FRAME
AT HEAD AND SILL
THROW BOLTS ATTACHED TO LOCK BY 3/8" CONNECTING RODS
LOCK LOCATED AT 42-1/2" FROM BOTTOM

INACTIVE LEAF:

2 POINT LOCK ASSEMBLY BY 'INTERLOCK USA INC.'
1/2" DIA. THROW BOLTS AT TOP AND BOTTOM ENGAGING FRAME
AT HEAD AND SILL
THROW BOLTS ATTACHED TO LOCK BY 3/8" CONNECTING RODS
LOCK LOCATED AT 42-1/2" FROM BOTTOM

OPTION #2:

ACTIVE LEAF:

CONVENTIONAL DOOR LOCKSET WITH HANDLE
DELTA 690 BY 'KWIKSET' LOCATED AT 39-1/4" FROM BOTTOM
KEY OPERATED ON EXTERIOR AND THUMB TURN ON
INTERIOR THROW BOLT LOCATED AT 44-3/4" FROM BOTTOM

CONCEALED FLUSH BOLTS BY 'SULLIVAN & ASSOC.'
1/2" X 2" THROW BOLTS ENGAGING FRAME AT HEAD AND SILL
MANUALLY OPERATED LEVERS MOUNTED ON STILE FACE
LOCATED AT 10-5/8" FROM TOP AND BOTTOM
LOCK FASTENED TO STILE WITH (2) #8-32 X 1/2" FH MS

INACTIVE LEAF:

CONCEALED FLUSH BOLTS BY 'SULLIVAN & ASSOC.'
1/2" X 2" THROW BOLTS ENGAGING FRAME AT
HEAD AND SILL
MANUALLY OPERATED LEVERS MOUNTED ON INSIDE FACE
OF LEAF STILE LOCATED AT 10-5/8" FROM TOP AND BOTTOM
LOCK FASTENED TO STILE WITH (2) #8-32 X 1/2" FH MS

NOTE: LOCKS MUST BE ENGAGED DURING
PERIODS OF HURRICANE WARNING.

HINGES:

3-1/2" X 7-5/8" X .122" THK. EXTRUDED ALUM HINGE
PART #FD-107 BY SULLIVAN & ASSOC.
3 HINGES PER LEAF
BOTTOM HINGE AT 10-1/4" FROM BOTTOM
TOP HINGE AT 11-3/4" FROM TOP
CENTER HINGE AT MIDSPAN (38" O.C. MAX.)
HINGES FASTENED WITH #10 X 1" FH SMS
(5) SCREWS AT HINGE STILE
(6) SCREWS AT FRAME JAMB

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	E601	-	DOOR FRAME HEAD/SILL	6063-T6	-
2	E602	-	FRAME COVER	6063-T6	-
3	E603	-	DOOR FRAME JAMB	6063-T6	-
4	E604	-	SIDELITE TOP & BOTTOM FRAME	6063-T6	-
4A	E626	-	SIDELITE 9" BOTTOM FRAME	6063-T6	-
5	E605	-	SIDELITE FRAME JAMB	6063-T6	-
6	E606	-	SIDELITE SLIP ON JAMB	6063-T6	-
7	E607	-	LEAF TOP & BOTTOM RAIL	6063-T6	-
7A	E625	-	LEAF 9" BOTTOM RAIL	6063-T6	-
8	E608	-	LEAF W'STRIP ADAPTER	6063-T6	-
9	E609	-	LEAF HINGE STILE	6063-T6	-
10	E610	-	LEAF LOCK STILE	6063-T6	-
11	E611	-	LEAF ASTRAGAL STILE	6063-T6	-
12	E612	-	LEAF ALIGNMENT BRACKET	6063-T6	-
13	E613	-	LEAF CLAMP	6063-T6	4-1/4" LONG
13A	E613	-	HINGE BACK-UP PLATE	6063-T6	12" LONG
14	E614	-	GLAZING BEAD (5/16" LAM. GLASS)	6063-T6	-
14A	E109	-	GLAZING BEAD (7/16" LAM. GLASS)	6063-T6	-
15	E615	-	GLAZING BEAD (INSUL. GLASS)	6063-T6	-
16	E616	-	SNAP COVER	6063-T6	-
17	E613	-	BOLT SUPPORT	6063-T6	NOT SHOWN
18	-	AS REQD.	SIDELITE MULLION REINFORCING	6063-T6	-
19	FD-107	3/ LEAF	BUTT HINGES	ALUMINUM	SULLIVAN & ASSOC.
20	FB1202	-	FLUSH BOLT LEVER	-	SULLIVAN & ASSOC.
21	FBR914SS	-	CONCEALED FLUSH BOLT ROD	ST STEEL	SULLIVAN & ASSOC.
22	#12 SMS	AS REQD.	FRAME ASSEMBLY SCREWS	-	-
23	#12 X 3/4"	-	HINGE INSTALLATION FASTENERS	-	FH SMS
24	-	-	3/8" DIA. THREADED ROD	STEEL	-
25	W11323	-	PILE W'STRIPPING	WOOL	ULTRAFAB
26	E20618-KN-3020	-	BULB W'STRIPPING	SANTOPRENE	EPDM
27	E206	-	GLAZING BEAD BULB	SANTOPRENE	ULTRAFAB
28	-	-	GLASS SPACER	SILICONE	FRANK LOWE RUBBER CO.
29	E622	-	FLUSH BOLT CUP	NYLON	-
30	DL01RC	-	BLACK BOLT SUPPORT BLOCK	POLYETHYLENE	INTERLOCK
31	DL01WB	-	WHITE BOLT SUPPORT BLOCK	POLYETHYLENE	ACME PLASTIC
33	#10 X 3/4"	2/ ADAPTER	FH SELF DRILLING SCREWS	-	-
34	-	2/ LITE	SETTING BLOCK, 1/4" X 1/2" X 4" LONG	EPDM	AT 6" FROM EACH END, DUROMETER 65±5
35	-	2/ LITE	SETTING BLOCK, 1/4" X 3/4" X 4" LONG	EPDM	AT 6" FROM EACH END, DUROMETER 65±5


SEALANTS:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH
SCHNEE MOREHEAD JM5504 SEALANT.

Approved as complying with the
Florida Building Code
Date July 19, 2012
NOA# 12-0402-03
Miami Dade Product Control

By Isaac J. Hunt

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538



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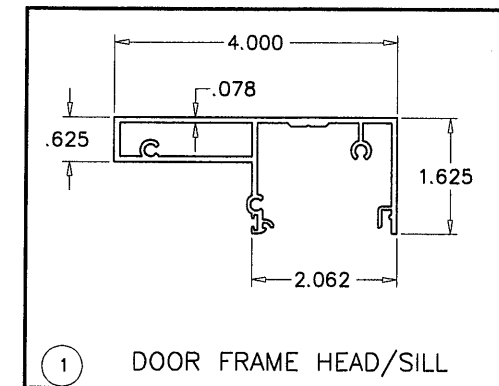
SERIES 600 ALUM OUTSWING ENTRANCE DOOR (L.M.I.)
ECO WINDOW SYSTEMS, LLC.
9114 N.W. 106 STREET
MEDLEY, FL. 33178
TEL. (305) 885-5299 FAX (305) 885-5902

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no	date	by
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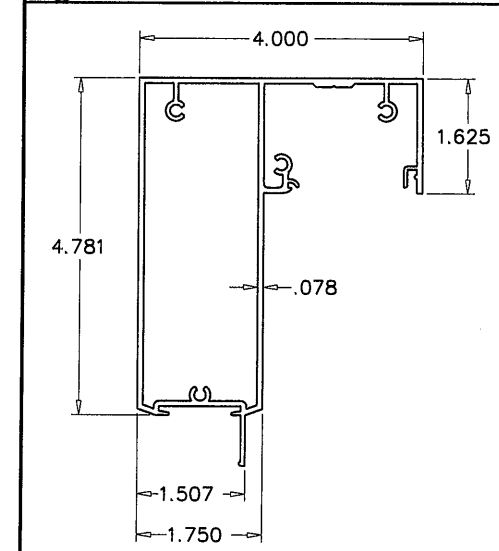
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chk. by:

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W12-08
sheet 7 of 9

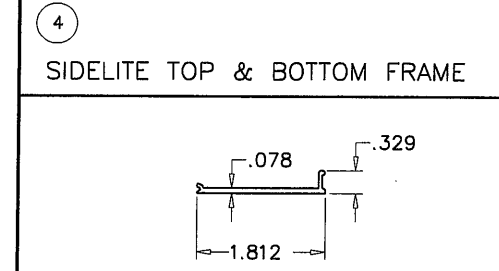
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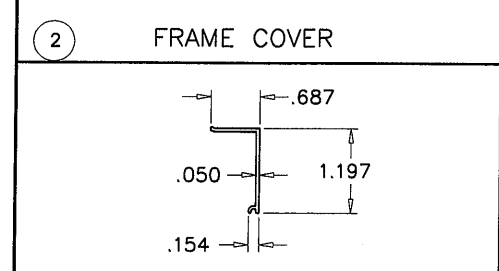
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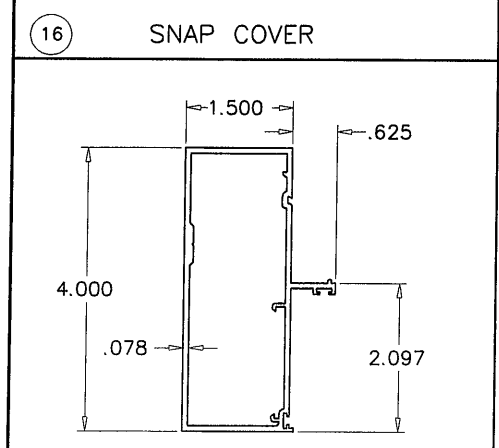
4 SIDELITE TOP & BOTTOM FRAME



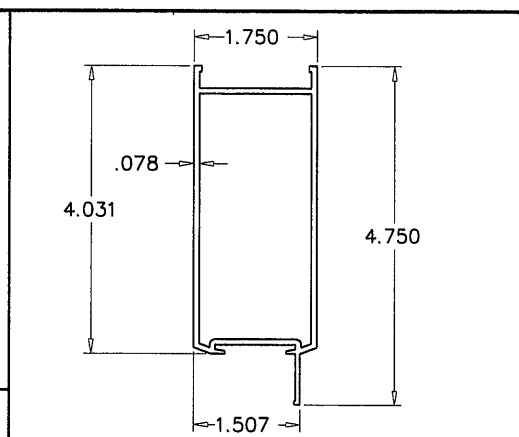
2 FRAME COVER



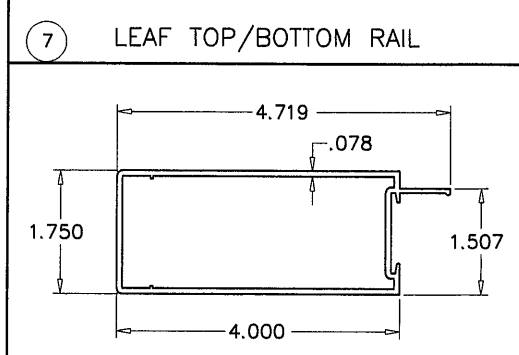
16 SNAP COVER



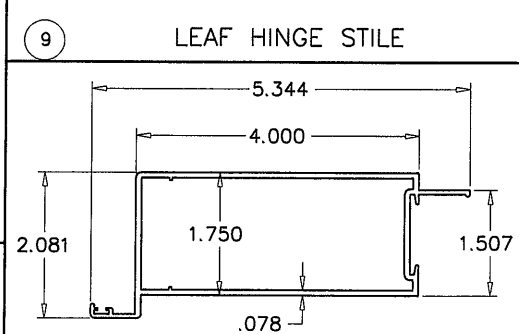
3 DOOR FRAME JAMB



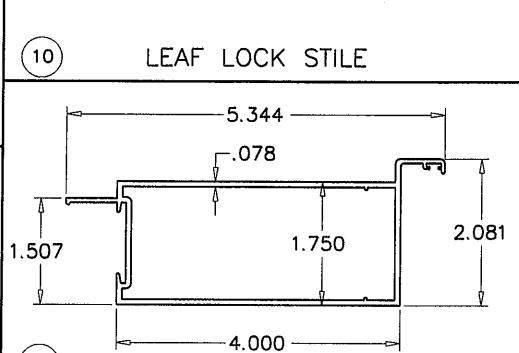
7 LEAF TOP/BOTTOM RAIL



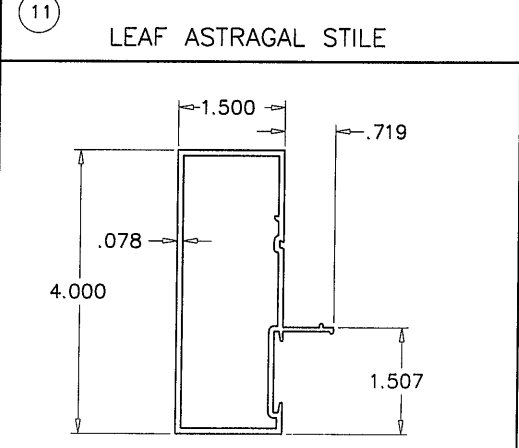
9 LEAF HINGE STILE



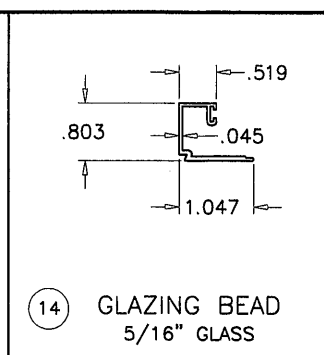
10 LEAF LOCK STILE



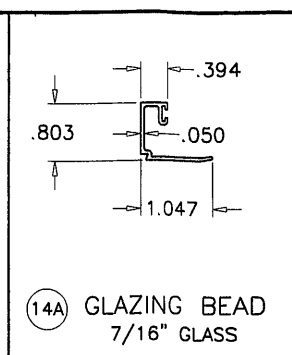
11 LEAF ASTRAGAL STILE



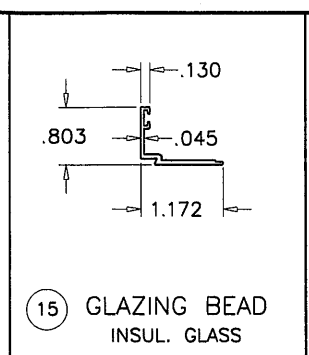
5 SIDELITE FRAME JAMB



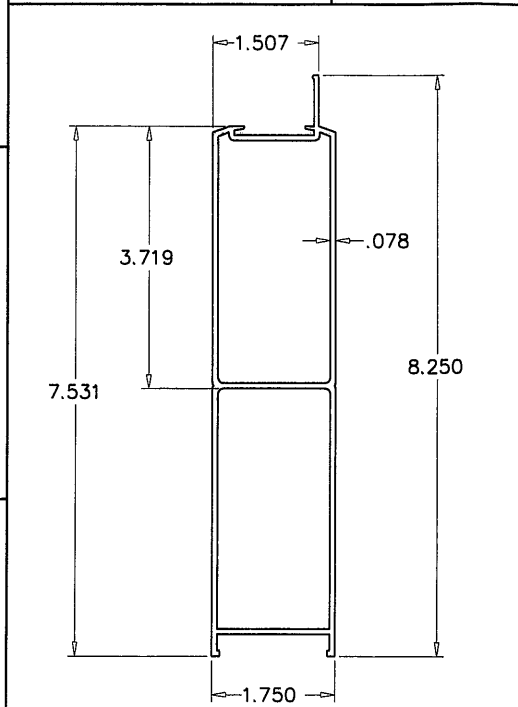
14 GLAZING BEAD
5/16" GLASS



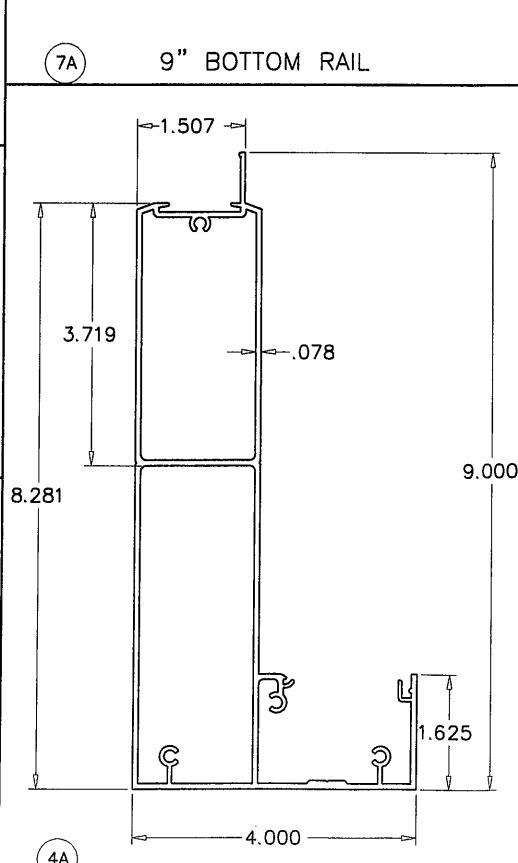
14A GLAZING BEAD
7/16" GLASS



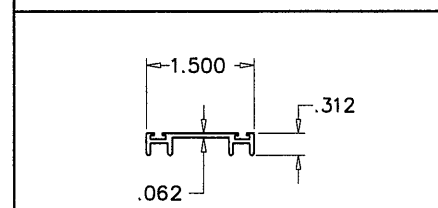
15 GLAZING BEAD
INSUL. GLASS



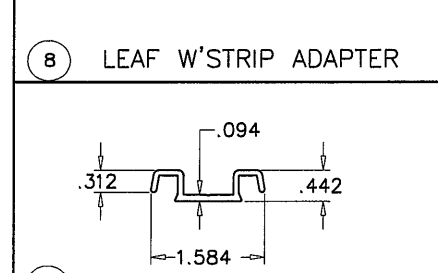
7A 9" BOTTOM RAIL



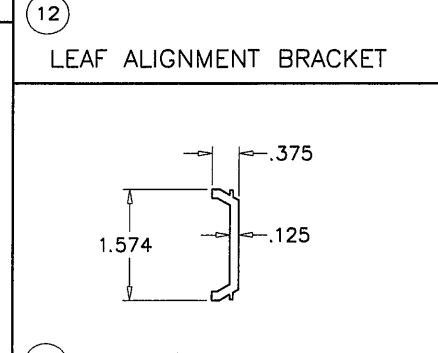
4A SIDELITE 9" BOTTOM FRAME



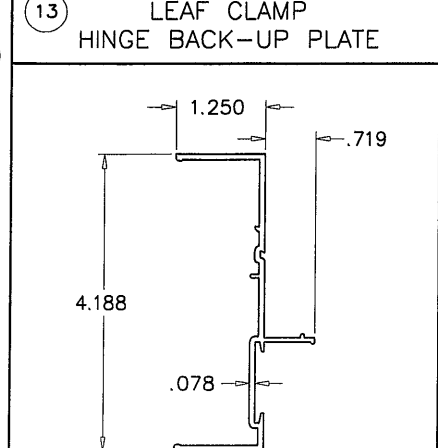
8 LEAF W'STRIP ADAPTER



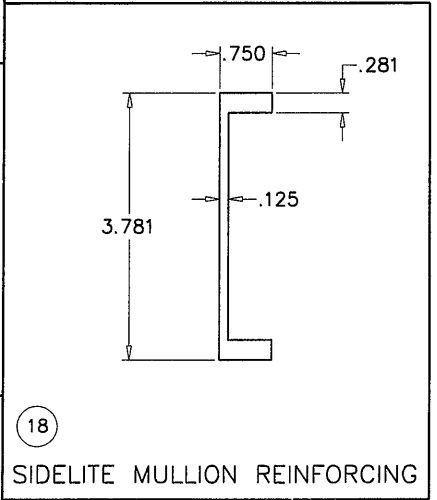
12 LEAF ALIGNMENT BRACKET



13 LEAF CLAMP
HINGE BACK-UP PLATE



6 SIDELITE SLIP ON JAMB



18 SIDELITE MULLION REINFORCING

Engr: JAVAD AHMAD
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FLA. PE # 70592
C.A.N. 3538

JUN 28 2012

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Date: July 19, 2012
MDAF 12-0402-03
Official State Product Control
Shag L. Chantle

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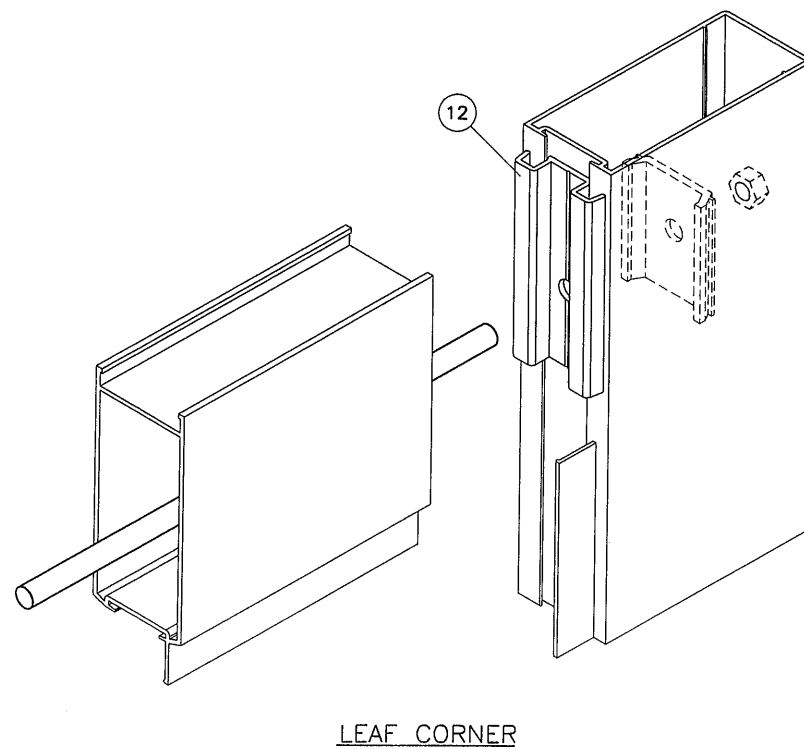
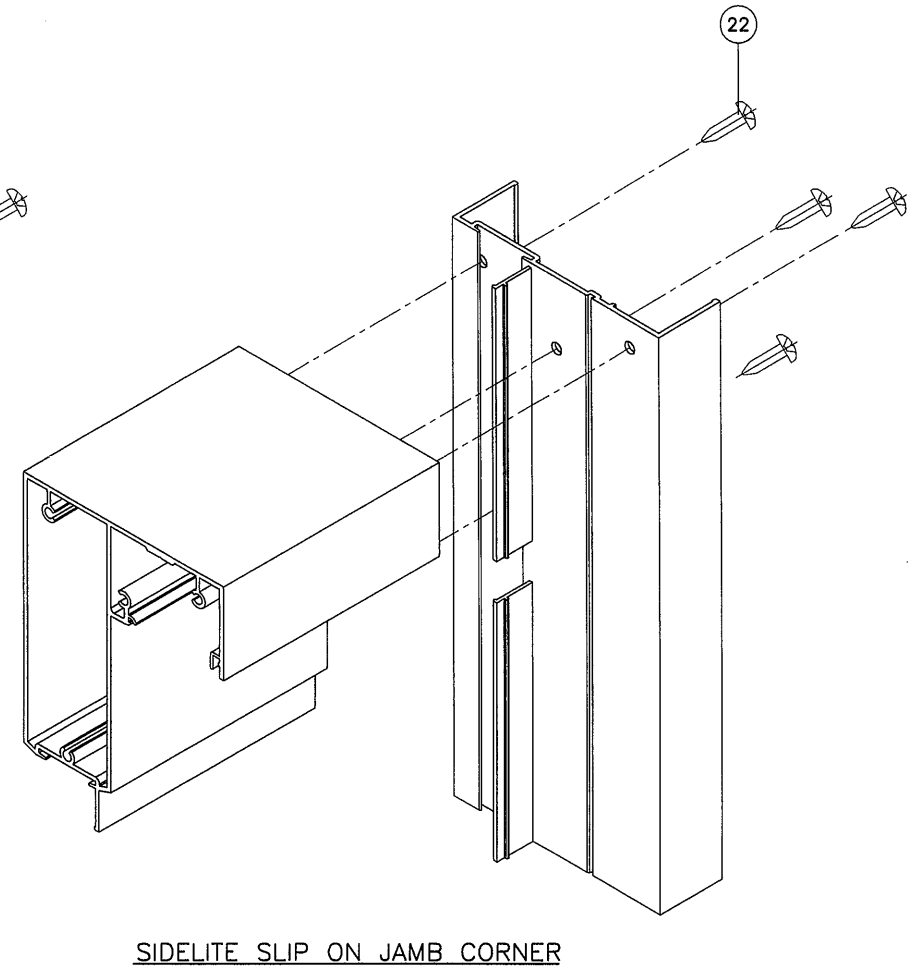
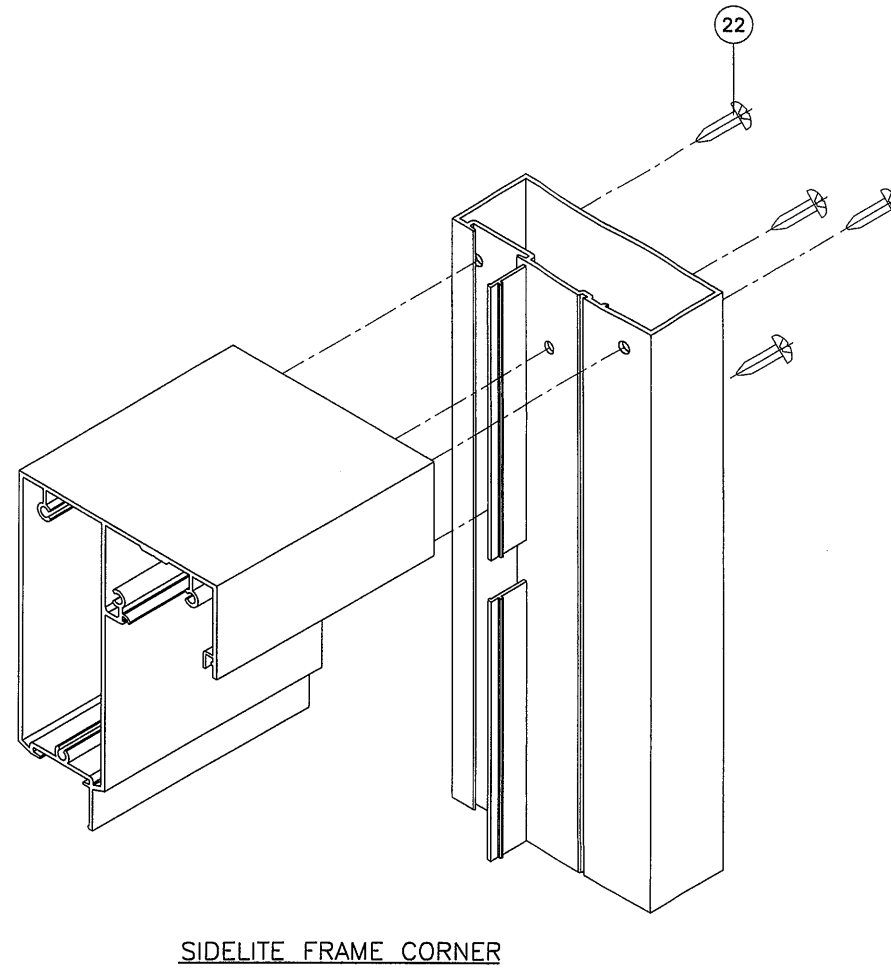
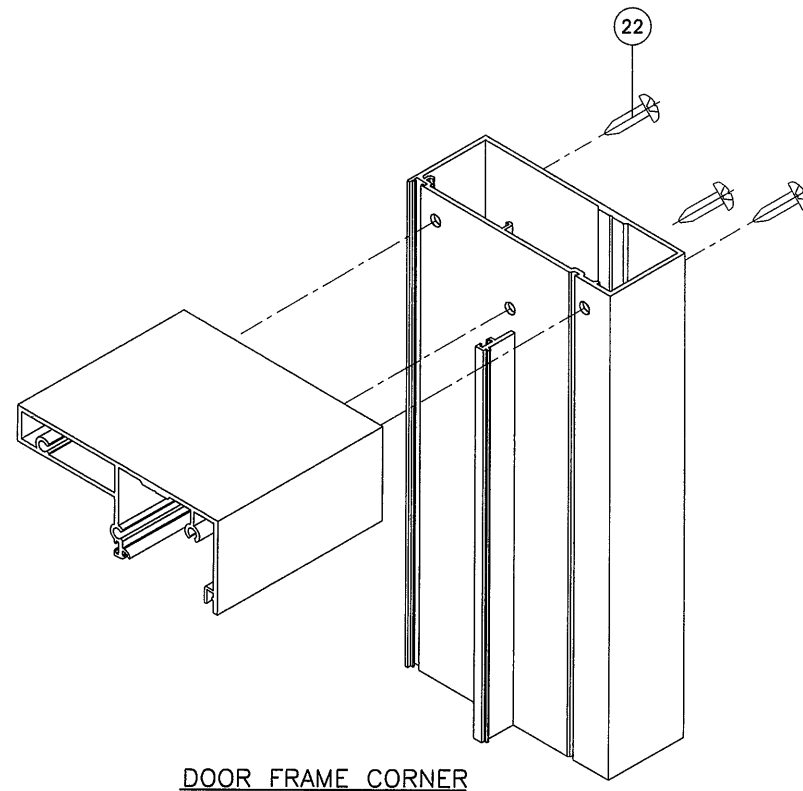
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revisions:	no	date	by	description
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date: 02-13-12
scale: 3/8" = 1"
dr. by: HAMID
chk. by:

drawing no.
W12-08
sheet 8 of 9



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Florida Building Code
Date July 19, 2012
NOAP 12-0402-03
Miami State Product Control
By Ishag I. Lhundy

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

[Signature]
JUN 28 2012

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sheet 9 of 9